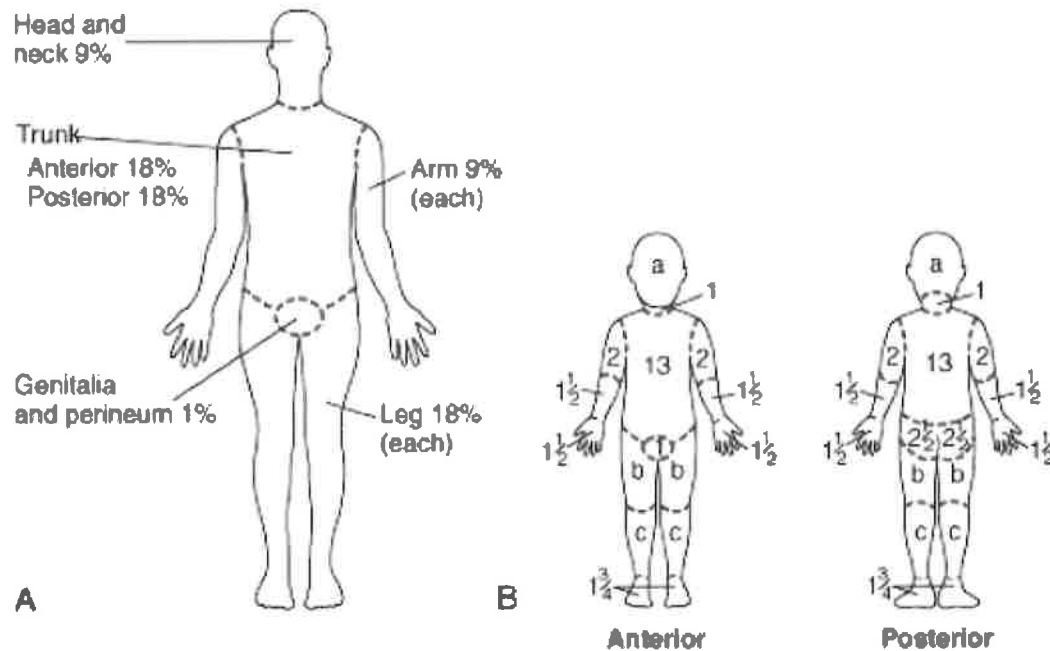


## Rule of Nines Math Activity

Answer the following math problems using the "Rule of Nines" chart found on page 63 of the text. Show all work.

1. What percentage of the body is burned if a 16 year old male burned his back, the back of his left leg, and his entire right arm?
2. Suzie, an active 6 year old, was burned while playing around a fireplace. Her Nightgown caught on fire and she burned both legs, her back, her left arm, and one side of her face. What percentage of body tissue was burned?
3. A 25 year old involved in a car accident burned his chest and perineal area. What percentage of his body was burned?
4. Marion was burned by exploding gas while trying to start his lawn mower. He burned both legs above the knees up through his chest, half of both arms, and the perineal area. What percentage of his body did he burn?
5. Julian burned half of his chest, a third of his back, and two-thirds of his left leg. What percentage of his body is burned?

## Rule of 9s for Burn Injuries



Relative percentage of body surface area (% BSA) affected by growth

Body Part	Age				
	0 yr	1 yr	5 yr	10 yr	15 yr
a = 1/2 of head	9 1/2	8 1/2	6 1/2	5 1/2	4 1/2
b = 1/2 of 1 thigh	2 3/4	3 1/4	4	4 1/4	4 1/2
c = 1/2 of 1 lower leg	2 1/2	2 1/2	2 3/4	3	3 1/4

